



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.)
X, D	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 06, 30 June 1997 (1997-06-30) & JP 09 033740 A (HITACHI CABLE LTD), 7 February 1997 (1997-02-07)	1-3, 5, 7-26	G02B6/125
Y	* abstract * & DATABASE WPI Derwent Publications Ltd., London, GB; AN 1997-169428 '16! * abstract *	4, 6	
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A	YOSI SHANI ET AL: "BURIED RIB PASSIVE WAVEGUIDE Y JUNCTIONS WITH SHARP VERTEX ON INP" IEEE PHOTONICS TECHNOLOGY LETTERS, IEEE INC. NEW YORK, US, vol. 3, no. 3, 1 March 1991 (1991-03-01), pages 210-212, XP000202936 ISSN: 1041-1135 * page 210, line 9-13 *	1	
A	VEERMAN F B ET AL: "AN OPTICAL PASSIVE 3-DB TMI-COUPLER WITH REDUCED FABRICATION TOLERANCE SENSITIVITY" JOURNAL OF LIGHTWAVE TECHNOLOGY, IEEE. NEW YORK, US, vol. 10, no. 3, 1 March 1992 (1992-03-01), pages 306-311, XP000272888 ISSN: 0733-8724 * page 306, right hand column, lines 3-10* * figure 1B *	1	TECHNICAL FIELDS SEARCHED (Int.Cl.) G02B
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The present search report has been drawn up for all claims			
1	Place of search BERLIN	Date of completion of the search 9 August 2001	Examiner Luck, W
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 10 5257

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

09-08-2001

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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	<p>MIKIO TSUJI ET AL: "LOW-LOSS DESIGN METHOD FOR A PLANAR DIELECTRIC-WAVEGUIDE Y BRANCH: EFFECT OF A TAPER OF SERPENTINE SHAPE" IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, IEEE INC. NEW YORK, US, vol. 39, no. 1, 1991, pages 6-13, XP000174139 ISSN: 0018-9480 * chapter "I. Introduction" * * figure 9 *</p> <p>---</p>	1-3, 5, 7-26	
Y, D	<p>WO 97 32228 A (INST MIKROTECHNIK MAINZ GMBH ;PAATZSCH THOMAS (DE); SMAGLINSKI ING) 4 September 1997 (1997-09-04) * claim 1 * * figure 1 *</p> <p>---</p>	4	
A	<p>CHAN H P ET AL: "LOW LOSS WIDE-ANGLE SYMMETRIC Y-BRANCH WAVEGUIDE" ELECTRONICS LETTERS, IEE STEVENAGE, GB, vol. 32, no. 7, 28 March 1996 (1996-03-28), pages 652-654, XP000584164 ISSN: 0013-5194 * figure 1 *</p> <p>---</p>	4	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
Y	<p>ICHIRO TANAKA ET AL: "GLASS WAVEGUIDE 1XN BRANCHING DEVICES" IEICE TRANSACTIONS ON COMMUNICATIONS, INSTITUTE OF ELECTRONICS INFORMATION AND COMM. ENG. TOKYO, JP, Vol. E75 - B, no. 9, 1 September 1992 (1992-09-01), pages 886-892, XP000321324 ISSN: 0916-8516 * figure 1B *</p> <p>---</p> <p>-/-</p>	6	
The present search report has been drawn up for all claims			
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A	HSU J-M ET AL: "SYSTEMATIC DESIGN OF NOVEL WIDE-ANGLE LOW-LOSS SYMMETRIC Y-JUNCTIONWAVEGUIDES" IEEE JOURNAL OF QUANTUM ELECTRONICS, IEEE INC. NEW YORK, US, vol. 34, no. 4, 1 April 1998 (1998-04-01), pages 673-679, XP000751370 ISSN: 0018-9197 * figure 1A * ----	6							
A,D	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 01, 30 January 1998 (1998-01-30) & JP 09 230151 A (FUJIKURA LTD), 5 September 1997 (1997-09-05) * abstract *	9							
A	VAN DER TOL J J G M ET AL: "A POLARIZATION SPLITTER ON LINBO3 USING ONLY TITANIUM DIFFUSION" JOURNAL OF LIGHTWAVE TECHNOLOGY, IEEE. NEW YORK, US, vol. 9, no. 7, 1 July 1991 (1991-07-01), pages 879-886, XP000241871 ISSN: 0733-8724 * abstract * -----	11-26	TECHNICAL FIELDS SEARCHED (Int.Cl.7)						
The present search report has been drawn up for all claims									
<table border="1"> <tr> <td>Place of search</td> <td>Date of completion of the search</td> <td>Examiner</td> </tr> <tr> <td>BERLIN</td> <td>9 August 2001</td> <td>Luck, W</td> </tr> </table>				Place of search	Date of completion of the search	Examiner	BERLIN	9 August 2001	Luck, W
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